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Appl. No. 10/648,896

Docket No. 304-813

Amendment

Response to Office Action dated December 3, 2004

**AMENDMENTS TO THE CLAIMS**

This listing will replace all prior versions, and listings, of claims in the application:

- 1           1. (Previously presented) A device for determining the temperature of a flowable medium,  
2 wherein said medium flows through a duct with a cross-section,  
3           said device having a temperature sensor and a probe body,  
4           wherein said probe body has several elongated probe sections connected to a base member,  
5           wherein said probe sections extend into said duct,  
6           wherein said temperature sensor is arranged on said probe body in conductive thermal  
7 contact therewith, and  
8           wherein said temperature sensor is located on said base member and is outside said duct.
- 1           2. (Original) A device according to claim 1, wherein said probe sections extend through  
2 said entire cross-section of said duct.
- 1           3. (Original) A device according to claim 1, wherein said probe sections are straight and  
2 parallel.
- 1           4. (Original) A device according to claim 3, wherein said probe sections are equidistant to  
2 one another.
- 1           5. (Original) A device according to claim 1, wherein said probe sections are rod-like.
- 1           6. (Original) A device according to claim 1, wherein said probe sections are spaced from  
2 one another with free gaps, said free gaps between two adjacent of said probe sections being  
3 roughly of the order of magnitude of the extension of said probe sections at right angles to a flow  
4 direction of said medium.